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transferring data between flash memory mem

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The stanford FLASH multiprocessor- ► psu.edu [PDF]

J Kuskin, D Olfet, M Heinrich, J Heinlein, R ... - International Symposium on Computer Architecture, 1998 - portal.acm.org

... the avoidance of extra copying of message data. ... low-level messages MAGIC sends between nodes, this ... consists of three phases: initiation, transfer, and reception ...

Cited by 762 - Related articles - BL Direct - All 28 versions

eNvY: a non-volatile, main memory storage system

M Wu, W Zwaenepoel - Proceedings of the sixth international conference on ..., 1994 - portal.acm.org

... done to overcome the deficiencies associated with **Flash** ... times, creating a discrepancy between computation time ... available 1/0 rates by **transferring data** in par- ...

Cited by 211 - Related articles - BL Direct - All 7 versions

... memory cards using flash EEPROM integrated circuit chips and memory-controller ...

RF Wallace, RD Norman, E Harari - US Patent 7,355,874, 2008 - Google Patents

... 23, 2006 Related US Application Data (60) Division ... with a large number of **flash EEPROM integrated** ... common controller circuit that interfaces between the memory ...

Cited by 42 - Related articles - All 4 versions

... address counter for synchronously **transferring data between data ports and buffer memory.**

MC Stolowitz - US Patent 6,018,778, 2000 - Google Patents

... **ARRAY CONTROLLER** FOR READING/WRITING STRIPED DATA USING A SINGLE ADDRESS COUNTER FOR SYNCHRONOUSLY **TRANSFERRING DATA** BETWEEN DATA PORTS AND BUFFER MEMORY [75 ...

Cited by 20 - Related articles - All 2 versions

Integration of message passing and shared memory in the Stanford FLASH multiprocessor-**► psu.edu [PDF]**

J Heinlein, K Gharachorloo, S Dresser, A ... - Proceedings of the sixth international conference on ..., 1994 - portal.acm.org

... can be further enhanced by avoiding message copying through direct **transfer of data** between user address ... interaction of message data with cache coherence. ...

Cited by 101 - Related articles - BL Direct - All 10 versions

Magnetoresistive random access memory using magnetic tunnel junctions

S Tehrani, JM Slaughter, M Deherrera, BN ... - Proceedings of the IEEE, 2003 - ieeexplore.ieee.org

... circuit such as a processor or controller. ... by eliminating the need for **transferring data** between multiple memories ... The capability of **Flash memory** to store data ...

Cited by 139 - Related articles - BL Direct - All 3 versions

A flash-memory based file system- ► smallworks.com [PDF]

A Kawaguchi, S Nishioka, H Motoda - usenix.org

... because the concurrent write operations can provide a higher **transfer rate** ... SRAM for write buffering, a large-bandwidth parallel data path between them, and ...

Cited by 213 - Related articles - All 26 versions

System architecture directions for networked sensors- ► ucla.edu [PDF]

J Hill, R Szweczyk, A Woo, S Hollar, D Culler, ... - ACM Sigplan Notices, 2000 - portal.acm.org
... will want to explore the tradeoffs between the scale ... event is used to periodically
start the **data collection**. ... s send message com- mand to initiate a **transfer**. ...
Cited by 2636 - Related articles - BL Direct - All 128 versions

Tempest and Typhoon: User-level shared memory- ► wisc.edu [PDF]
SK Reinhardt, JR Larus, DA Wood - Proceedings of the 21ST annual international ..., 1994 - portal.acm.org
... both reads and writes, and **transfer** control to user ... **memory** involves replicat- ing
remote **data** to ensure ... are local and maintaining coherence between the multiple ...
Cited by 415 - Related articles - BL Direct - All 31 versions

The performance impact of flexibility in the Stanford FLASH multiprocessor- ► kfupm.edu.sa
[PDF]
M Heinrich, J Kuskin, D Ofelt, J Heinlein, J ... - Proceedings of the sixth international conference on ..., 1994 -
portal.acm.org
... stage **data** as it is passed between interfaces. ... bus, **memory** system, and network) and
data transfer delays ... the same cache-coherence protocol as **FLASH** (see Section ...
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